AMENDMENTS TO THE CLAIMS

Please amend the claims as follows. Please cancel claims 2-7, 9-14 and 16-20 without prejudice or disclaimer.

1.   (Currently Amended) A system of transferring data streams across a supply chain at a first location to a demand chain at a second location, said system comprising:

a trigger event monitor defining a trigger event to be monitored at said first location;

a database that stores business rules regarding reconciliation spans and exceptions;

a transformation unit that performs transformations on said data streams and trigger event data by placing said data into appropriate categories for manufacturing lot trace capability as controlled by a relationship between components and devices in a bill of materials and parentage information;

a supply side reconciler that performs a supply side reconciliation of said transformed data streams and said trigger event data to determine whether said transformed data streams are consistent with said trigger event data; and

a demand side reconciler that performs a demand side reconciliation of said transformed data streams with said trigger event data based upon the occurrence of said trigger event data;

said database processing said reconciled data to produce entitled test data with customer entitlement information including one of what type of data each customer is entitled to receive and which type of products and components each customer is entitled to receive such information;

said database storing a selective point in said demand chain that said entitled test data is

supplied to;

said database verifying completeness of said entitled test data and whether said entitled

test data is supplied to said selective point in said demand chain; and

a report output device at the location of said demand side reconciler that outputs a report

based on said performing said demand side reconciliation,

wherein said supply side reconciliation process comprises reconciling said trigger event

data with said data streams,

wherein said trigger event data comprises notification of goods being sent from a point in

said supply chain,

wherein and said supply side reconciliation determines whether a data stream associated

with said goods is consistent with said notification,

wherein said demand side reconciliation process comprises determining whether said data

streams are complete and whether said data streams were sent to said demand chain,

wherein said processes of performing said supply side reconciliation and said demand

side reconciliation are one of:

selectively delayed a predetermined period after said trigger event; and

selectively advanced a predetermined period before said trigger event,

wherein said data streams relate to a component of a device being manufactured in said

supply chain, and wherein said data streams are supplied one of after said component is

completed and during the manufacturing of said component, and

wherein supply side reconciliation and said demand side reconciliation include a process

of correcting said data streams.

2-7.   (Cancelled.)

8.   (Currently Amended) A computer-implemented ~~system~~ method that transfers test

data from a supply chain at a first location to a demand chain at a second location, said method

comprising:

a supply side reconciler that performs a supply side reconciliation, by a computing device,

of said test data at said first location and a demand side reconciler that performs a demand side

reconciliation of said test data at said second location upon the occurrence of a trigger event in

said supply chain to produce reconciled data;

a rules database that processes said reconciled data, by a computing device, to produce

entitled test data for completeness;

said rules database storing at least one demand chain location to which said entitled test

data is transmitted based on customer entitlement information including one of what type of data

each customer is entitled to receive and which type of products and components each customer is

entitled to receive such information; and

verifying, that said entitled test data is supplied to said at least one location in said

demand chain,

wherein said supply side reconciliation process comprises reconciling data from said

trigger event with said test data,

wherein said trigger event comprises notification of goods being sent from a point in said

supply chain,

wherein and said supply side reconciliation determines whether test data associated with

said goods is consistent with said notification,

wherein said demand side reconciliation process comprises determining whether said test data is complete,

wherein said processes of performing said supply side reconciliation and said demand side reconciliation are selectively delayed a predetermined period after said trigger event,

wherein said entitled test data relates to component test data of a component of a device being manufactured in said supply chain,

wherein said process of supplying said entitled test data supplies said component test data one of after said component is completed and during the manufacturing of said component, and

wherein supply side reconciliation and said demand side reconciliation include a process of correcting said test data.

9-14.   (Cancelled.)

15.   (Previously Presented) A system for transferring test data from a supply chain at a first location to a demand chain at a second location, said system comprising:

a trigger event monitor that receives information of a trigger event at one of said first and said second location;

a supply side reconciler in communication with said trigger event monitor, and being adapted to perform a supply side reconciliation of said test data upon an occurrence of a trigger event, wherein said supply reconciliation determines whether said test data are consistent with said trigger event data;

a demand side reconciler in communication with said trigger event monitor, and being adapted to perform a demand side reconciliation of said test data upon the occurrence of said

trigger event;

a rules database in communication with said supply side reconciler and said demand side

reconciler, and being adapted to produce entitled test data based on said supply side

reconciliation and said demand side reconciliation;

said rules database storing selective points in said demand chain that receive said entitled

test data;

said rules database verifying that said entitled test data is supplied to said selective points

in said demand chain; and

an output device at said second location to output a report based on said performing said

demand side reconciliation,

wherein said supply side reconciliation process performed by said supply side reconciler

comprises reconciling data from said trigger event with said test data,

wherein said trigger event comprises notification of goods being sent from a point in said

supply chain,

wherein and said supply side reconciliation performed by said supply side reconciler

determines whether test data associated with said goods is consistent with said notification,

wherein said demand side reconciliation process performed by said demand side

reconciler comprises determining whether said test data is complete,

wherein said processes of performing said supply side reconciliation and said demand

side reconciliation are selectively delayed a predetermined period after said trigger event by said

supply side reconciler and said demand side reconciler,

wherein said entitled test data relates to component test data of a component of a device

being manufactured in said supply chain, and

<u>wherein said database is adapted to supply said component test data during the processing</u>

<u>of said component and before said device is completed.</u>

16-20. (Cancelled.)